

# Release B CDR RID Report

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Document

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RID ID	CDR	50
Review	Release B CDR	
Originator Ref		
Priority	2	

Section

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Figure Table

Category Name System Modeling/Sizing

Actionee ECS

Sub Category

Subject Modeling and Staffing Plan

## Description of Problem or Suggestion:

End-to-End modeling does not explicitly include people (workforce)

- a) Staff plans may be inconsistent with model
- b) People may be bottlenecks

## Originator's Recommendation

- 1) Provide visible way of checking consistency of End-to-End model and staffing/operations plan  
Need to address staffing.

GSFC Response by:

GSFC Response Date

HAIS Response by: N. Singer

HAIS Schedule

HAIS R. E. H. Brackett

HAIS Response Date 7/10/96

The only overlap area where staffing and system performance intersect (in a measurable way) is in data distribution on hard media. To determine whether end-to-end response time requirements are being met, it is necessary to include both system time (to retrieve the data and copy it to the hard medium) and staff time (to dismount the tape or disk, prepare and affix labels and shipping lists, put associated materials into a shipping container, etc.) The system time and the staff time (called "touch" time) are independent, and have been estimated by two separate models. The system time has been estimated by the End-to-End model; the "touch" time (and its implications for staffing levels) has been estimated by one of Tom Hickey's M&O models. The latter models were briefed at the Release B Operations Workshop (17-19 January 1996.) The M&O staffing models fully incorporate all required system performance loads.

Status Closed

Date Closed 7/31/96

Sponsor Daly

\*\*\*\*\* Attachment if any \*\*\*\*\*